CLAIMS

1. Access system between an item of server automatic control equipment (20), which integrates transmission/reception means (25) to transmit and receive messages (11, 12, 13, 21, 22, 23) on a wireless proximity network (30) using a radio wave technology, and at least one mobile device (10) or at least one item of client automatic control equipment (20'), characterised in that the server automatic control equipment (20) comprises server communication means (27) capable of implementing a link mechanism in compliance with the Bluetooth protocol with communication means (16) of a mobile device (10) or with client communication means (26') of an item of client automatic control equipment (20'), in order to supply control, display and monitoring functions from the server automatic control equipment (20), the link mechanism comprising a detection phase, a description phase and a service phase.

2. Access system according to claim 1, characterised in that the client communication means (26') or the server communication means (27, 27') of an item of automatic control equipment (20) have access to an internal memory (28) containing information relating to the automatic control equipment (20).

3. Access system according to claim 2, characterised in that the same item of automatic control equipment (20') may comprise server communication means (27') and client communication

means (26'), to be able to perform a server function and a client function.

4. Access system according to claim 2 or 3, characterised in that the server communication means (27) of an item of server automatic control equipment (20) are waiting for a detection query (11) sent by at least one mobile device (10) or at least one item of client automatic control equipment (20') on the proximity network (30).

5. Access system according to claim 4, characterised in that, following the reception of a detection query (11) from a mobile device (10) or an item of client automatic control equipment (20'), the server communication means (27) generate a detection response (21) used to signal their presence to the mobile device (10) or the client automatic control equipment (20').

6. Access system according to claim 2 or 3, characterised in that the client communication means (26') of an item of client automatic control equipment (20') transmit detection queries (11) on the proximity network (30), in order to detect the presence of at least one item of server automatic control equipment (20) in the field of action (31) of the proximity network (30).

7. Access system according to claim 6, characterised in that the detection queries (11) are transmitted by the client communication means (26') at regular intervals or at the initiative of an application program (29') running in the client automatic control equipment (20').

8. Access system according to any of claims 5 or 6, characterised in that the server communication means (27) respond to a description query (12) transmitted by a mobile device (10) or by an item of client automatic control equipment (20') by returning a description response (22) which can include an identification and authentication of the automatic control equipment (20) and a list of the services offered by the automatic control equipment (20).

9. Access system according to claim 8, characterised in that, when the link mechanism is set up, the server automatic control equipment (20) can exchange messages (13, 23) with a mobile device (10) via the proximity network (30), such that a user of the mobile device (10) can perform control, display and monitoring functions of the server automatic control equipment (20).

10. Access system according to claim 8, characterised in that, when the link mechanism is set up, the server automatic control equipment (20) can exchange messages (13, 23) with an item of client automatic control equipment (20') via the proximity network (30), such that an application program (29') running in the client automatic control equipment (20') can perform control, display and monitoring functions of the server automatic control equipment (20).

11. Automatic control equipment characterised in that it communicates on a proximity network (30) by means of an access system according to any of the above claims.